

## Message Text

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ORIGIN NEA-10

INFO OCT-01 ISO-00 DOE-15 OES-07 INT-05 AID-05 XMB-02  
COME-00 SOE-02 EB-08 CEA-01 CIAE-00 DODE-00 H-01  
INR-10 L-03 NSAE-00 OMB-01 PM-05 SP-02 SS-15  
STR-07 TRSE-00 ACDA-12 NSCE-00 SSO-00 ICAE-00  
INRE-00 NRC-05 /117 R

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DOE:TGERMAN  
OES:WMOFFAT  
USGS:JREINEMUND  
AID:GTOWERY  
EXIMBANK:JHUBER (SUBS)

-

DESIRED DISTRIBUTION  
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-----109563 122348Z /64  
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FM SECSTATE WASHDC  
TO AMEMBASSY RABAT IMMEDIATE  
INFO AMEMBASSY ALGIERS

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E.O. 11652: N/A

TAGS: ENRG, EMIN, OVIP (SAADI, MOUSSA) MO

SUBJECT: VISIT OF GOM MINISTER OF ENERGY AND MINES  
MOUSSA SAADI

1. AMERICAN HOSTS OF SAADI AND PARTY UNIFORMLY IMPRESSED  
BY ENERGY AND CURIOSITY OF MOROCCAN GROUP, AND BELIEVE  
VISIT WAS UNQUALIFIED SUCCESS FOR MOROCCAN-AMERICAN  
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RELATIONS AND FOR DEVELOPMENT OF BILATERAL ENERGY COOPERA-  
TION PROJECTS. FOLLOWING BASED ON FEEDBACK FROM VARIOUS  
SOURCES PRESENT AT MEETINGS AND DURING TRAVEL:

2. MEETINGS WITH SECRETARY SCHLESINGER AND DOE STAFF:  
PRIVATE MEETINGS WITH SECRETARY AND LUNCHEON PRINCIPALLY  
DEVOTED TO EXCHANGE OF INFORMATION ON ENERGY MATTERS AND

REVIEW OF BROADER ISSUES. DOE STAFF SUBSEQUENTLY PROVIDED TECHNICAL BRIEFINGS ON URANIUM EXTRACTION AND OIL SHALE TECHNOLOGY. DOE REPS ALSO OFFERED OPPORTUNITY FOR FURTHER TESTING OF MOROCCAN OIL SHALE AT U.S. ENERGY LAB IN LARAMIE, WYOMING AND VISIT BY U.S. OIL SHALE TECHNOLOGY TEAM IN FORTHCOMING MONTHS, IF DESIRED.

3. MEETING WITH DEPUTY ASSISTANT SECRETARY NOSENZO:  
NOSENZO PROMISED SAADI TEXT OF SLIGHTLY REVISED  
MODEL BILATERAL NUCLEAR AGREEMENT WITH REFINEMENTS

REFLECTING NON-PROLIFERATION LEGISLATION ENACTED MARCH 10.  
STATE 93306 PROVIDES TEXT AND INSTRUCTIONS; FRENCH  
TRANSLATION OF TEXT FOLLOWS SEPTEL. PARTICIPANTS PROJECT-  
ED POSSIBLE EXPERT MISSION IN MAY TO NEGOTIATE FINAL  
TEXT OF U.S.-MOROCCAN AGREEMENT, DEPENDING ON MOROCCAN  
REACTION TO MODEL AND AVAILABILITY OF NOSENZO.

4. MEETINGS WITH U.S. GEOLOGICAL SURVEY: DURING TWO  
SEPARATE MEETINGS, MOROCCANS EXPRESSED DESIRE TO EXPAND  
THE NUMBER OF SUBJECTS FOR COOPERATION UNDER 1977 FRAME-  
WORK AGREEMENT. SAADI PROPOSED TO SEND TEAM TO THE U.S.  
IN MAY OR JUNE TO PURSUE INDIVIDUAL PROJECTS, INCLUDING  
REMOTE SENSING, STUDIES OF ENERGY RESOURCE POSSIBILITIES,  
LABORATORY PROCEDURES AND EQUIPMENT, MUSEUM DISPLAYS,  
ETC. USGS INDICATED SEVERE LIMITS OF ANY USG FUNDING,  
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BUT AGREED TO EXAMINE EACH PROPOSAL SEPARATELY ON ITS  
MERITS. LETTER ENROUTE FROM USGS DIRECTOR REINEMUND TO  
AMBASSADOR ANDERSON.

5. EXIMBANK: SAADI HAD TOUR D'HORIZON WITH CHAIRMAN  
JOHN MOORE AND STAFF ON MOROCCAN ENERGY SITUATION AND  
OTHER CAPITAL REQUIREMENTS. SAADI PROJECTED NEED FOR  
NUCLEAR POWER FACILITIES IN MOROCCO BY ABOUT 1987 AND  
SAID MOROCCO LOOKING TO U.S. FOR SOLAR ENERGY TECHNOLOGY.

6. AID: IN UNSCHEDULED MEETING WITH AID DESK AND AID  
ENERGY OFFICE REPS ON MARCH 26, MOROCCANS REQUESTED  
PROSPECTS FOR U.S. TECHNOLOGICAL ASSISTANCE IN SETTING  
UP RENEWABLE ENERGY INSTITUTE; EXAMINING SOLAR ENERGY  
PROJECTS; AND LOOKING AT TARFAYA-AREA ARTIFICIAL SEA  
LEVEL BASIN SMALL-SCALE HYDRO-POWER PROJECT. AID REPS  
AGREED TO RECOMMEND EXPERT MISSION TO DETERMINE FEASI-  
BILITY OF COOPERATION IN RENEWABLE ENERGY FIELD. SEPTEL  
FOLLOWS.

7. WESTINGHOUSE/WYOMING MINERALS: IN PITTSBURGH EVENING  
OF MARCH 27 OCP PLANS DIRECTOR FETAH GAVE WYOMING VICE

PRESIDENT MEIERKORD GREEN LIGHT TO SEND EXPERT TEAM TO SAFI FOR ENGINEERING DATA FOR POSSIBLE CONSTRUCTION OF URANIUM EXTRACTION FACILITY, WHICH MEIERKORD CONSIDERED A BREAKTHROUGH. MOROCCANS WERE CLEARLY IMPRESSED WITH WYOMING PLANT TOUR IN LAKE LAND, FLORIDA ON MARCH 28, BUT REMAIN CAUTIOUS UNTIL THEY SEE RESULTS OF PLANT OPERATIONS SCHEDULED TO BEGIN THIS FALL, IN PARTICULAR DATA ON QUALITY AND QUANTITY OF PHOSPHORIC ACID RETURNED FROM EXTRACTION FACILITY TO REGULAR REFINEMENT STREAMS.

8. TOSCO, UNION OIL, OCCIDENTAL: MOROCCAN TEAM WAS BRIEFED ON TECHNOLOGY USED BY EACH COMPANY FOR FUEL EXTRACTION FROM OIL SHALE. AS FOLLOW UP TO TOSCO AND UNION OIL STUDIES OF TIMHADIT OIL SHALE POTENTIAL, LIMITED OFFICIAL USE

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MOROCCAN EMBASSY REPRESENTATIVES BELIEVE GOM WILL ASK THESE COMPANIES TO DO SIMILAR STUDIES FOR POTENTIAL DEPOSITS IN TARFAYA. TOSCO PROVIDED MOROCCAN PARTY WITH PRELIMINARY OUTLINE FOR TARFAYA STUDY.

9. OGILBAY-NORTON: SCHEDULED MINE VISIT CANCELLED DUE TO WEATHER. DURING OFFICE MEETING, COMPANY REP HEWITT REPEATED SKEPTICISM HE HAD ALREADY EXPRESSED TO KING HASSAN THAT IRON DEPOSITS IN SOUTHERN MOROCCO ARE COMMERCIALY VIABLE, GIVEN HIGH-COST ENERGY REQUIREMENTS TO BENEFICIATE ORE. SAADI SAID HE SHARED THIS VIEW. COMPANY REPS ALSO DUBIOUS ABOUT FEASIBILITY OF MOROCCAN IDEA OF MARKETING PART OF RIF IRON ORE PRODUCTION IN U.S.

10. NEW YORK MEETINGS: AT END OF TRIP MOROCCANS USED EXTRA TIME IN NEW YORK TO MEET WITH GIBBS AND HILL ON POTENTIAL NUCLEAR POWER PROJECTS IN MOROCCO; TO MEET WITH EDISON ELECTRIC INSTITUTE; AND FOR SAADI INTERVIEW WITH CHEMICAL WEEKLY, TEXT OF WHICH WE WILL TRY TO OBTAIN.

11. ABOVE SUPERSEDES AND REFINES INFO IN SEVERAL MEMCONS WHICH HAVE BEEN POUCHED. VANCE

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## Message Attributes

**Automatic Decaptioning:** X  
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**Concepts:** MINING, ENERGY, MINISTERIAL VISITS  
**Control Number:** n/a  
**Copy:** SINGLE  
**Draft Date:** 12 apr 1978  
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**Disposition Action:** RELEASED  
**Disposition Approved on Date:**  
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**Review Exemptions:** n/a  
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**Review Release Event:** n/a  
**Review Transfer Date:**  
**Review Withdrawn Fields:** n/a  
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**TAGS:** ENRG, EMIN, OVIP, MO, (SAADI, MOUSSA)  
**To:** RABAT  
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